

Sheet 1 of 3

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number	10/521,635
Filing Date	10/26/2005
First Named Inventor	Haraldsson
Art Unit	1732
Examiner Name	Not assigned
Attorney Docket Number	72-03

GWS 3/3/2006

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
J.S./	1	6,821,475	11/23/2004	Beebe et al.	
	2	6,517,977	02/11/2003	Resnick et al.	
	3	6,509,085	01/21/2003	Kennedy	
	4	6,488,872	12/03/2002	Beebe et al.	
	5	6,136,212	10/24/2000	Mastrangelo et al.	
	6	5,263,130	11/16/1993	Pomerantz et al.	
J.S./	7	5,171,490	12/15/1992	Fudim	

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Examiner Initial*	Cite No. ¹	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T ²
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NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. ¹	REFERENCE		T ²
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/J.S./	8	Anderson et al. (2000) "Fabrication of Topologically Complex Three-Dimensional Microfluidic Systems in PDMS by Rapid Prototyping," <i>Anal. Chem.</i> 72(14):3158-3164		
	9	Becker et al. (2002) "Polymer Microfluidic Devices," <i>Talanta</i> 56(2):267-287		
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	12	Beebe et al. (2000) "Microfluidic Tectonics: A Comprehensive Construction Platform for Microfluidic Systems," <i>Proc. Nat. Acad. Sci. USA</i> 97(25):13488-13493		
	13	Chatwin et al. (1998) "UV Microstereolithography System that Uses Spatial Light Modulator Technology," <i>Appl. Optics</i> 37(32):7514-7522		
/J.S./	14	Cumpston et al. (1999) "Two-Photon Polymerization Initiators for Three-Dimensional Optical Data Storage and Microfabrication," <i>Nature</i> 398:51-54		
Examiner Signature	/James Sanders/		Date Considered	02/28/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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/J.S./	15	De et al. (2002) "Equilibrium Swelling and Kinetics of pH-Responsive Hydrogels: Models, Experiments, and Simulations," <i>J. Microelectromechanical Sys.</i> 11(5):544-555	
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	26	Luo et al. (2002) "Synthesis of a Novel Methacrylic Monomer-Iniferter and Its Application in Surface Photografting on Crosslinked Polymer Substrates," <i>J. Polym. Sci. Part A - Polym. Chem.</i> 40:1885-1891	
	27	Luo et al. (2002) "Surface-Initiated Photopolymerization of Poly(ethylene glycol) Methyl Ether Methacrylate on a Diethyldithiocarbamate-Mediated Polymer Substrate," <i>Macromol.</i> 35:2487-2493	
	28	Luo et al. (2000) "UV-Induced Radical Grafting of Hydrophilic Monomers from Dithiocarbamate Polymer Surfaces," <i>Polymer Preprints</i> 41:1728-1729	
	29	Madou, M.J. (1997) <i>Fundamentals of Microfabrication: The Science of Miniaturization</i> , 2 nd ed., CRC Press: Boca Raton, pp. 301-302	
	30	Neckers et al. (1996) "Photochemistry and Photophysics of Hydroxyfluorones and Xanthenes," <i>J. Photochem. Photobiol. A Chem.</i>	
/J.S./	31	Okamoto et al. (1999) "Ultraviolet-cured Microlens Arrays," <i>Applied Optics</i> 38(14):2991-2996	

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/J.S./	32	Otsu, T. (2000) "Iniferter Concept and Living Radical Polymerization," <i>J. Polymer Sci. Part A - Polym. Chem.</i> 38:2121-2136	
	33	Perters et al. (1999) "Control of Porous Properties and Surface Chemistry in 'Molded' Porous Polymer Monoliths Prepared by Polymerization in the Presence of TEMPO," <i>Macromol.</i> 32(19):6377-6379	
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	39	Ward et al. (2001) "Micropatterning of Biomedical Polymer Surface by Novel UV Polymerization Techniques," <i>J. Biomed. Mat. Res.</i> 56:351-360	
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	42	Wu et al. (2003) "Fabrication of Complex Three-Dimensional Microchannel Systems in PDMS," <i>J. Am. Chem. Soc.</i> 125(2):554-559	
	43	Xia et al. (1998) "Soft Lithography," <i>Ann. Rev. Mat. Sci.</i> 28:153-184	
	44	Xia et al. (1998) "Soft Lithography," <i>Angew Chem. Int. Ed.</i> 37:550-575	
/J.S./	45	Yang et al. (2001) "Fabrication of High Performance Ceramic Microstructures from a Polymeric Precursor Using Soft Lithography," <i>Adv. Mat.</i> 13(1):54-58	

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